

**Table 1. Number, incidence rate <sup>1</sup>, median days away from work <sup>2</sup> and relative standard errors <sup>3</sup> of occupational injuries and illnesses involving days away from work <sup>4</sup> to selected parts of body with musculoskeletal disorders <sup>5</sup> in selected ownerships for Washington, 2012**

| Ownership        | Part of body affected <sup>6</sup>                             | Total Cases | Incidence Rate | Median Days | Relative Standard Error |
|------------------|--|-------------|----------------|-------------|-------------------------|
| private industry | All Selected Parts   | 12,100      | 64.9           | 12          | 3.3                     |
| private industry | 2 NECK- INCLUDING THROAT                                       | 240         | 1.3            | 18          | 12.1                    |
| private industry | 20 Neck- except internal location of diseases or disorders     | 240         | 1.3            | 18          | 12.1                    |
| private industry | 3 TRUNK  | 6,710       | 35.9           | 10          | 3.6                     |
| private industry | 31 Chest- including ribs- internal organs                      | 100         | 0.5            | 3           | 18.6                    |
| private industry | 310 Chest- except internal location of diseases or disorders   | 100         | 0.5            | 3           | 18.6                    |
| private industry | 32 Back- including spine- spinal cord                          | 5,620       | 30.1           | 10          | 3.8                     |
| private industry | 320 Back- including spine- spinal cord- unspecified            | 2,010       | 10.8           | 7           | 4.9                     |
| private industry | 321 Thoracic region  | 170         | 0.9            | 4           | 14.1                    |
| private industry | 322 Lumbar region  | 3,270       | 17.5           | 10          | 4.3                     |
| private industry | 328 Multiple back regions                                      | 170         | 0.9            | 5           | 14.0                    |
| private industry | 33 Abdomen   | 780         | 4.2            | 16          | 7.1                     |
| private industry | 330 Abdomen- except internal location of diseases or disorders | 770         | 4.1            | 15          | 7.1                     |
| private industry | 34 Pelvic region   | 150         | 0.8            | 6           | 14.8                    |
| private industry | 341 Hip(s)   | 60          | 0.3            | 13          | 22.5                    |
| private industry | 344 Groin  | 80          | 0.4            | 5           | 20.6                    |
| private industry | 38 Multiple trunk locations                                    | 60          | 0.3            | 17          | 24.3                    |
| private industry | 4 UPPER EXTREMITIES  | 3,230       | 17.3           | 21          | 4.3                     |
| private industry | 41 Shoulder(s)- including clavicle(s)- scapula(e)              | 1,500       | 8.0            | 23          | 5.5                     |
| private industry | 42 Arm(s)  | 560         | 3.0            | 13          | 8.1                     |
| private industry | 420 Arm(s)- unspecified  | 200         | 1.0            | 11          | 13.2                    |
| private industry | 421 Upper arm(s)   | 60          | 0.3            | 72          | 23.5                    |
| private industry | 422 Elbow(s)   | 280         | 1.5            | 13          | 11.2                    |
| private industry | 423 Forearm(s)   | 20          | 0.1            | 3           | 42.7                    |
| private industry | 43 Wrist(s)  | 790         | 4.2            | 22          | 7.0                     |
| private industry | 44 Hand(s)   | 220         | 1.2            | 31          | 12.6                    |
| private industry | 440 Hand(s)- unspecified                                       | 60          | 0.3            | 36          | 23.4                    |
| private industry | 442 Finger(s)- fingernail(s)                                   | 120         | 0.6            | 18          | 16.8                    |
| private industry | 4420 Finger(s)- fingernail(s)- unspecified                     | 80          | 0.4            | 31          | 20.0                    |
| private industry | 4429 Finger(s)- fingernail(s)- n.e.c.                          | 40          | 0.2            | 7           | 30.6                    |
| private industry | 448 Hand(s) and finger(s)                                      | 30          | 0.1            | 14          | 35.3                    |
| private industry | 48 Multiple upper extremities locations                        | 170         | 0.9            | 8           | 14.1                    |

See footnotes at end of table

**Table 1. Number, incidence rate <sup>1</sup>, median days away from work <sup>2</sup> and relative standard errors <sup>3</sup> of occupational injuries and illnesses involving days away from work <sup>4</sup> to selected parts of body with musculoskeletal disorders <sup>5</sup> in selected ownerships for Washington, 2012 -- Continued**

| Ownership        | Part of body affected <sup>6</sup>                           | Total Cases | Incidence Rate | Median Days | Relative Standard Error |
|------------------|--|-------------|----------------|-------------|-------------------------|
| private industry | 481 Hand(s) and arms(s)                                      | 20          | 0.1            | 4           | 44.3                    |
| private industry | 4819 Hand(s) and arm(s)- n.e.c.                              | 20          | 0.1            | 4           | 44.3                    |
| private industry | 482 Hand(s) and wrist(s)                                     | 40          | 0.2            | 2           | 28.8                    |
| private industry | 483 Wrist(s) and arm(s)                                      | 20          | 0.1            | 20          | 38.3                    |
| private industry | 484 Shoulder(s) and arm(s)                                   | 40          | 0.2            | 63          | 29.7                    |
| private industry | 489 Multiple upper extremities locations- n.e.c.             | 50          | 0.2            | 2           | 26.8                    |
| private industry | 5 LOWER EXTREMITIES  | 1,410       | 7.6            | 15          | 5.6                     |
| private industry | 51 Leg(s)  | 1,170       | 6.3            | 19          | 6.0                     |
| private industry | 510 Leg(s)- unspecified                                      | 60          | 0.3            | 49          | 23.9                    |
| private industry | 512 Knee(s)  | 940         | 5.1            | 20          | 6.5                     |
| private industry | 513 Lower leg(s)   | 140         | 0.7            | 20          | 15.7                    |
| private industry | 518 Multiple leg locations                                   | 20          | 0.1            | 10          | 39.5                    |
| private industry | 5181 Knee(s) and leg(s)                                      | 20          | 0.1            | 10          | 42.3                    |
| private industry | 52 Ankle(s)  | 170         | 0.9            | 4           | 14.1                    |
| private industry | 53 Foot (feet)   | 40          | 0.2            | 7           | 27.2                    |
| private industry | 530 Foot (feet)- unspecified                                 | 40          | 0.2            | 7           | 29.1                    |
| private industry | 58 Multiple lower extremities locations                      | 30          | 0.1            | 15          | 34.4                    |
| private industry | 583 Ankle(s) and leg(s)                                      | 20          | 0.1            | 33          | 46.3                    |
| private industry | 8 MULTIPLE BODY PARTS  | 510         | 2.7            | 16          | 8.5                     |
| private industry | 84 Neck and back   | 60          | 0.3            | 11          | 23.9                    |
| private industry | 85 Shoulder(s) and back                                      | 50          | 0.3            | 39          | 24.8                    |
| private industry | 89 Other multiple body parts                                 | 380         | 2.0            | 17          | 9.7                     |
| private industry | 899 Multiple body parts- n.e.c.                              | 380         | 2.0            | 17          | 9.7                     |
| local government | All Selected Parts   | 2,730       | 137.4          | 16          | 6.2                     |
| local government | 2 NECK- INCLUDING THROAT                                     | 110         | 5.8            | 32          | 18.2                    |
| local government | 20 Neck- except internal location of diseases or disorders   | 110         | 5.8            | 32          | 18.2                    |
| local government | 3 TRUNK  | 1,100       | 55.1           | 11          | 7.6                     |
| local government | 31 Chest- including ribs- internal organs                    | 20          | 1.0            | 15          | 41.3                    |
| local government | 310 Chest- except internal location of diseases or disorders | 20          | 1.0            | 15          | 41.3                    |
| local government | 32 Back- including spine- spinal cord                        | 1,000       | 50.4           | 11          | 7.8                     |
| local government | 320 Back- including spine- spinal cord- unspecified          | 290         | 14.5           | 14          | 12.1                    |

See footnotes at end of table

**Table 1. Number, incidence rate <sup>1</sup>, median days away from work <sup>2</sup> and relative standard errors <sup>3</sup> of occupational injuries and illnesses involving days away from work <sup>4</sup> to selected parts of body with musculoskeletal disorders <sup>5</sup> in selected ownerships for Washington, 2012 -- Continued**

| Ownership        | Part of body affected <sup>6</sup>                             | Total Cases | Incidence Rate | Median Days | Relative Standard Error |
|------------------|--|-------------|----------------|-------------|-------------------------|
| local government | 321 Thoracic region  | 130         | 6.3            | 1           | 17.4                    |
| local government | 322 Lumbar region  | 560         | 28.0           | 12          | 9.4                     |
| local government | 328 Multiple back regions                                      | 30          | 1.5            | 10          | 34.3                    |
| local government | 33 Abdomen   | 50          | 2.5            | 17          | 26.8                    |
| local government | 330 Abdomen- except internal location of diseases or disorders | 50          | 2.5            | 17          | 26.8                    |
| local government | 4 UPPER EXTREMITIES  | 740         | 37.4           | 28          | 8.5                     |
| local government | 41 Shoulder(s)- including clavicle(s)- scapula(e)              | 380         | 19.3           | 33          | 10.8                    |
| local government | 42 Arm(s)  | 80          | 4.2            | 16          | 21.2                    |
| local government | 420 Arm(s)- unspecified  | 20          | 1.0            | 20          | 41.7                    |
| local government | 421 Upper arm(s)   | 30          | 1.5            | 4           | 34.2                    |
| local government | 422 Elbow(s)   | 20          | 1.1            | 14          | 39.9                    |
| local government | 43 Wrist(s)  | 190         | 9.4            | 30          | 14.6                    |
| local government | 44 Hand(s)   | 40          | 1.8            | 15          | 31.4                    |
| local government | 440 Hand(s)- unspecified                                       | 20          | 1.1            | 2           | 40.1                    |
| local government | 48 Multiple upper extremities locations                        | 50          | 2.8            | 17          | 25.8                    |
| local government | 482 Hand(s) and wrist(s)                                       | 20          | 1.2            | 5           | 38.2                    |
| local government | 5 LOWER EXTREMITIES  | 480         | 24.1           | 12          | 9.9                     |
| local government | 51 Leg(s)  | 330         | 16.8           | 24          | 11.4                    |
| local government | 512 Knee(s)  | 300         | 15.1           | 24          | 11.9                    |
| local government | 513 Lower leg(s)   | 20          | 0.9            | 5           | 45.7                    |
| local government | 52 Ankle(s)  | 120         | 5.9            | 4           | 18.0                    |
| local government | 53 Foot (feet)   | 20          | 1.2            | 15          | 37.9                    |
| local government | 530 Foot (feet)- unspecified                                   | 20          | 1.0            | 3           | 42.5                    |
| local government | 8 MULTIPLE BODY PARTS  | 290         | 14.8           | 39          | 12.0                    |
| local government | 84 Neck and back   | 50          | 2.4            | 38          | 27.8                    |
| local government | 89 Other multiple body parts                                   | 240         | 12.1           | 45          | 13.1                    |
| local government | 899 Multiple body parts- n.e.c.                                | 240         | 12.1           | 45          | 13.1                    |
| state government | All Selected Parts   | 700         | 69.1           | 19          | 7.1                     |
| state government | 3 TRUNK  | 300         | 29.6           | 14          | 11.1                    |
| state government | 32 Back- including spine- spinal cord                          | 280         | 27.6           | 14          | 11.5                    |
| state government | 320 Back- including spine- spinal cord- unspecified            | 120         | 12.2           | 12          | 17.5                    |

See footnotes at end of table

**Table 1. Number, incidence rate <sup>1</sup>, median days away from work <sup>2</sup> and relative standard errors <sup>3</sup> of occupational injuries and illnesses involving days away from work <sup>4</sup> to selected parts of body with musculoskeletal disorders <sup>5</sup> in selected ownerships for Washington, 2012 -- Continued**

| Ownership        | Part of body affected <sup>6</sup>                | Total Cases | Incidence Rate | Median Days | Relative Standard Error |
|------------------|---|-------------|----------------|-------------|-------------------------|
| state government | 322 Lumbar region                                 | 150         | 14.8           | 21          | 15.9                    |
| state government | 4 UPPER EXTREMITIES                               | 220         | 21.7           | 50          | 13.1                    |
| state government | 41 Shoulder(s)- including clavicle(s)- scapula(e) | 110         | 10.4           | 23          | 19.0                    |
| state government | 42 Arm(s)   | 60          | 5.7            | 59          | 25.7                    |
| state government | 422 Elbow(s)                                      | 50          | 4.7            | 59          | 28.3                    |
| state government | 43 Wrist(s)                                       | 40          | 4.1            | 52          | 30.4                    |
| state government | 5 LOWER EXTREMITIES                               | 100         | 10.1           | 29          | 19.3                    |
| state government | 51 Leg(s)   | 70          | 6.5            | 49          | 24.1                    |
| state government | 512 Knee(s)                                       | 60          | 6.4            | 84          | 24.3                    |
| state government | 52 Ankle(s)                                       | 20          | 1.6            | 58          | 48.4                    |
| state government | 53 Foot (feet)                                    | 20          | 2.0            | 4           | 43.5                    |
| state government | 530 Foot (feet)- unspecified                      | 20          | 2.0            | 4           | 43.5                    |
| state government | 8 MULTIPLE BODY PARTS                             | 70          | 6.9            | 14          | 23.4                    |
| state government | 89 Other multiple body parts                      | 70          | 6.5            | 14          | 24.1                    |
| state government | 899 Multiple body parts- n.e.c.                   | 70          | 6.5            | 14          | 24.1                    |

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as:  
 $(N / EH) \times 20,000,000$  where:

N = number of injuries and illnesses,  
EH = total hours worked by all employees during the calendar year,  
20,000,000 = base for 10,000 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Median days is the measure used to summarize the varying lengths of time workers were affected by an injury or illness. Half of the cases involved more days and half involved less days than a specified median. Median days are represented in actual values. Median days of job transfer or restriction (DJTR) are not directly comparable to median days away from work (DAFW).

<sup>3</sup> Relative standard errors are a measure of the sampling error of an estimate. Sampling errors occur because observations are made on a sample, not on the entire population. Estimates based on the different possible samples of the same size and sample design could differ. Relative standard errors less than 0.05 are not shown.

<sup>4</sup> Days away from work cases (DAFW) include those which result in days away from work with or without restricted work activity.

<sup>5</sup> Includes cases where the nature of injury is: pinched nerve; herniated disc; meniscus tear; sprains, strains, tears; hernia (traumatic and nontraumatic); pain, swelling, and numbness; carpal or tarsal tunnel syndrome; Raynaud's syndrome or phenomenon; musculoskeletal system and connective tissue diseases and disorders, when the event or exposure leading to the injury or illness is: overexertion and bodily reaction, unspecified; overexertion involving outside sources; repetitive motion involving microtasks; other and multiple exertions or bodily reactions; and rubbed, abraded, or jarred by vibration. Although these cases may be considered MSD's, the survey classifies these cases in categories that also include non-MSD cases.

<sup>6</sup> Occupational Injury and Illness Classification System (OIICS) version 2.01.

NOTE: Dashes indicate data that do not meet publication guidelines or data for incidence rates less than .05 per 10,000 full-time workers. The scientifically selected probability sample used was one of many possible samples, each of which

could have produced different estimates. A measure of sampling variability for each estimate is available upon request.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, December 16, 2013